Color inside and out

MAKE A POWERFUL STATEMENT

Enjoy mobile computing with Intel® Centrino® processor technology and an Intel® Core™ 2 Duo T6500 processor (2.10GHz[1]) with 4GB of pre-installed system memory.

The VAIO® CS notebook comes pre-installed with Genuine Microsoft® Windows Vista® Home Premium 64-bit[14].

A perfect mix of power and style, the VAIO® CS notebook is a slim, lightweight PC weighing only 5.7lbs[5] (with standard battery).

The CS notebook's classically beautiful Dove White color graces its exterior as well as interior to ensure that this PC makes a head-to-toe color coordinated impression.

Offering a massive boost in wireless connection speed and range, work and play quicker virtually anywhere within your office or home using 802.11n integrated wireless LAN technology[3].

RICH MULTIMEDIA

Watch all your favorite movies and shows in stunning clarity on the 14.1" [4] widescreen display using XBRITE-ECO™ technology so you can see deeper blacks, brighter whites, true-to-life color and razor-sharp detail.

Enjoy your personal musical light shows on a CS notebook. A 12-tone music analyzer translates your music into a colorful LED light show that plays out beneath the trim of the CS notebook.

Store your important documents, family videos and pictures on the roomy 320GB[2] (5400RPM) Serial ATA hard disk drive.

EASY COMMUNICATION

Stay connected to colleagues, friends and family at home or on-the-go with real-time video conferencing[12] using the integrated MOTION EYE® camera and microphone.

Step out and be seen with the VAIO® CS notebook, a gorgeous 14.1" [4] notebook adorned by fashionable high-gloss colors inside and out. This thin-and-light PC slips easily in and out of hand bags and features an array of entertainment extras, including light effects and an intuitive AV "slide" control that lets you control volume with the slide of a finger.

Look for Intel Inside

Windows Vista Home Premium

XBRITE-ECO™

Bluetooth

dlna CERTIFIED

RoHS COMPLIANT

ENERGY STAR

VGN-CS320J/W

VAIO® CS Notebook PC

Specifications

General

Computer Type: Notebook

Type of Use: Portable

Action Buttons: Play / Pause / Stop, AV Mode, Mute, Next, Previous, Volume -/+, Capture, WLAN / Bluetooth® on / off

Pointing Device: Electro-static touch pad

Hardware

Keyboard: QWERTY, 82 keys with 2mm stroke and 18.05mm pitch

Camera: Built-in MOTION EYE® camera and microphone

Processor

Type: Intel® Core™ 2 Duo Processor T6500

Speed: 2.10GHz[1]

Front Side Bus Speed: 800MHz

L2 Cache: 2MB

Technology: Intel® Centrino® processor technology

Memory

Type: DDR2

Installed: 4GB PC2-6400 (2GBx2)

Maximum: 8GB

Speed: 800MHz

Hard Drive

Capacity: 320GB[2]

Speed: 5400rpm

Interface: Serial ATA

Optical Drive

CDSupport: Read / Write (CD-R/-RW)

DVDSupport: Read / Write (DVD±R/±RW/±R DL/-RAM)

Expansion Slots

Multimedia Card Reader: One Memory Stick PRO™ media slot (Standard/Duo) with MagicGate® functionality
One ExpressCard® / 34 media slot
One Secure Digital (SD memory card) media slot

Audio

Sound System: Intel® High Definition Audio

Display

Screen Size: 14.1"[4]

Resolution: 1280 x 800

XBRITE-ECO™ Technology: Yes

Technology: WXGA

Graphics

Processor: Mobile Intel® Graphics Media Accelerator 4500MHD with Intel® Clear Video Technology with Total Available Graphics Memory of 1750MB (max.)[13]

Chipset: Mobile Intel® GM45 Express Chipset

Max. External Resolution via VGA: 2048x1536

Inputs and Outputs

Microphone Input: 1

USB Port(s): 3 (2.0 compliant)

VGA Output(s): 1

DC-In: 1

i.LINK® Connection: 1 (4pin) i.LINK® connector (IEEE 1394)[9]

Headphone Output(s): 1

Ethernet Connection (s): 1

Networking/Modem

Ethernet Protocol: 10Base-T/100Base-TX

Ethernet Speed: Fast Ethernet (RJ-45)

Wireless LAN: Intel® WiFi Link 5100AGN (802.11a/b/g/n)[3]

Bluetooth® Technology: Integrated Stereo A2DP Bluetooth® Technology (2.1+EDR)[16]

Power

Battery Type: Standard Capacity Lithium-ion Battery (VGP-BPS13/S)

Estimated Battery Life: Up to 6.0 hours[8] Standard Capacity Battery
Up to 9.5 hours[8] Large Capacity Battery

Power Requirements: 86W + 10%

Software

Operating System: Genuine Microsoft® Windows Vista® Home Premium 64-bit[14]

Supplied Software: Microsoft® Works SE 9.0 w/ 60-Day Trial Version of Microsoft® Office Home and Student 2007[11]

The VAIO® Software Experience: VAIO® Startup Assistant
VAIO® Care

VAIO® Multimedia Suite: VAIO® Startup Assistant
Click to Disc Editor - Import, Edit, Burn
VAIO® Movie Story - Simple Movie Creation
VAIO® MusicBox - Music by Mood
VAIO® Media plus - Multimedia Streaming Software
*Please access VAIO® Help and Support from your PC for a complete list of software applications and trials.

Anti-Virus & Recovery Software: Norton Internet Security™ 2009 30-Day Trial Offer[15]

Service and Warranty Information

Telephone Support: 1 year toll-free technical telephone assistance, available 24/7[10]

Online and Email Support: Support available from http://www.esupport.sony.com/EN/VAIO

Limited Warranty Term: 1 year limited warranty[9]. See actual warranty for details.

International Service: 1 year international service plan available. Registration required. See www.sony.com/IRSP for details.

Environmental Information

RoHS®: Compliant

ENERGY STAR®: 5.0

Dimensions

Weight: 5.7 lbs[7] (with standard battery)

Measurements: 13.2"(W) x 1.14-1.57"(H) x 9.6"(D)[5,6]

Supplied Accessories

Standard Capacity Lithium-ion battery (VGP-BPS13/S)

AC Adapter

Power Cord

Optional Accessories

Large Capacity Battery (VGP-BPL13)

Additional Standard Lithium-ion Battery (VGP-BPS13A/S)

AC Adapter (VGP-AC19V31)

USB Docking Station (VGP-UPR1)

Mouse/Mouse pad combo in Dove White (VGP-BMS5P/W)

USB Portable Speaker (VGP-USP1)

Slip Case with VAIO Smart Protection® technology in Dove White (VGP-CKC3/W)

Neoprene Notebook and AC Adapter Case (VGP-AMC5)

Color: Dove White

UPC Code: 027242771314

1. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. Requires 802.11n compatible access point. Some functionality may require Internet services.
4. Viewable area measured diagonally.
5. Non-metric weights and measures are approximate and may vary.
6. Measured at the narrowest point.
7. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
8. Actual battery life may vary based on product settings, usage patterns and environmental conditions.
9. See actual limited warranty for details. For a copy of Sony's warranty, please visit www.sony.com/pcsupport, call toll-free 888-476-6972 (888-4SONYPC) or write to Sony Electronics, 12451 Gateway Boulevard, Fort Myers, FL 33913.
10. For certain third party software applications, Sony provides first level phone support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the aplicable software vendor.
11. 60-Day Trial Version of Microsoft® Office 2007 - This trial software will work only for 60 days after you first use it. You will not be able to use the software if you dont activate it as described the first time you use the software. You can activate the software by Internet: Internet service charges may apply. If you want to keep using the software after the 60-day trial period, you must convert to the perpetual version. You can convert online by following the conversion instgructions presented during setup and paying the required fees.
12. Broadband Internet service required along with third party services which may require a subscription or other service fee.
13. Total Available Graphics Memory refers to the new Windows Vista classification of graphics memory, which varies depending on the operating condition, version of device driver and system memory size.
14. Compatibility and performance in a 64 bit environment may vary. Check with the manufacturer of your software or accessory to ensure you have the latest updates.
15. Norton Internet Security™ 2009 30-day subscription is pre-installed on your Sony VAIO PC. You need to activate the software for the product to work. You can activate in the Sony VAIO Startup Assistant or by double clicking the Norton Internet Security icon on your desktop. After your 30-days are finished, buy Norton Internet Security to continue to be protected from viruses, hackers and identify theft.
16. Interoperability and compatibility among Bluetooth® devices vary.

Computer Interface: For this product,there are a multitude of varying software packages and add-on hardware options. This product is not manufactured to work with any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned here. Sony hereby disclaims any representations or warranties that this product is compatible with any combination of non-Sony products you may choose to connect to it. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony computer are subject to change without notice. Preinstalled software may not be identical to retail versions or have all documentation. Features and specifications are subject to change without notice.
Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. This product meets the standards of the International Energy Star Program for energy efficiency. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance (www.eiae.org).
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